Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013100.D
Acq On : 12 Dec 2020 20:22
Operator : CG/JU
Sample : L5063-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
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12/15/2020 12:17:20 PM

Quant Time: Dec 14 01:45:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	978	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	4063	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.03	164	3547	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4605	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4401	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4105	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	587	0.10	ng/ul	-0.03
14) Fluoranthene-d10	18.84	212	1177	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	22346	1.901	ng/ul	96
5) 2-Methylnaphthalene	11.80	142	74092	9.594	ng/ul	100
7) Acenaphthylene	13.75	152	7015	0.418	ng/ul#	1
8) Acenaphthene	14.09	153	9986	0.725	ng/ul	94
9) Fluorene	15.10	166	19785	1.252	ng/ul#	88
12) Phenanthrene	16.84	178	230910	14.955	ng/ul	98
13) Anthracene	16.93	178	20245	1.541	ng/ul#	89
15) Fluoranthene	18.87	202	41839	2.280	ng/ul	93
17) Pyrene	19.24	202	225339	10.840	ng/ul	98
18) Benzo(a)anthracene	21.01	228	24019	1.319	ng/ul#	36
19) Chrysene	21.06	228	31624	1.572	ng/ul#	69
21) Benzo(b)fluoranthene	22.51	252	16844m	0.887	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2470m	0.118	ng/ul	
23) Benzo(a)pyrene	23.04	252	14292	0.811	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.18	276	5659	0.244	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.17	278	2674	0.146	ng/ul#	1
26) Benzo(g,h,i)perylene	25.81	276	10545	0.504	ng/ul#	61

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013100.D
Acq On : 12 Dec 2020 20:22
Operator : CG/JU
Sample : L5063-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 14 01:45:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

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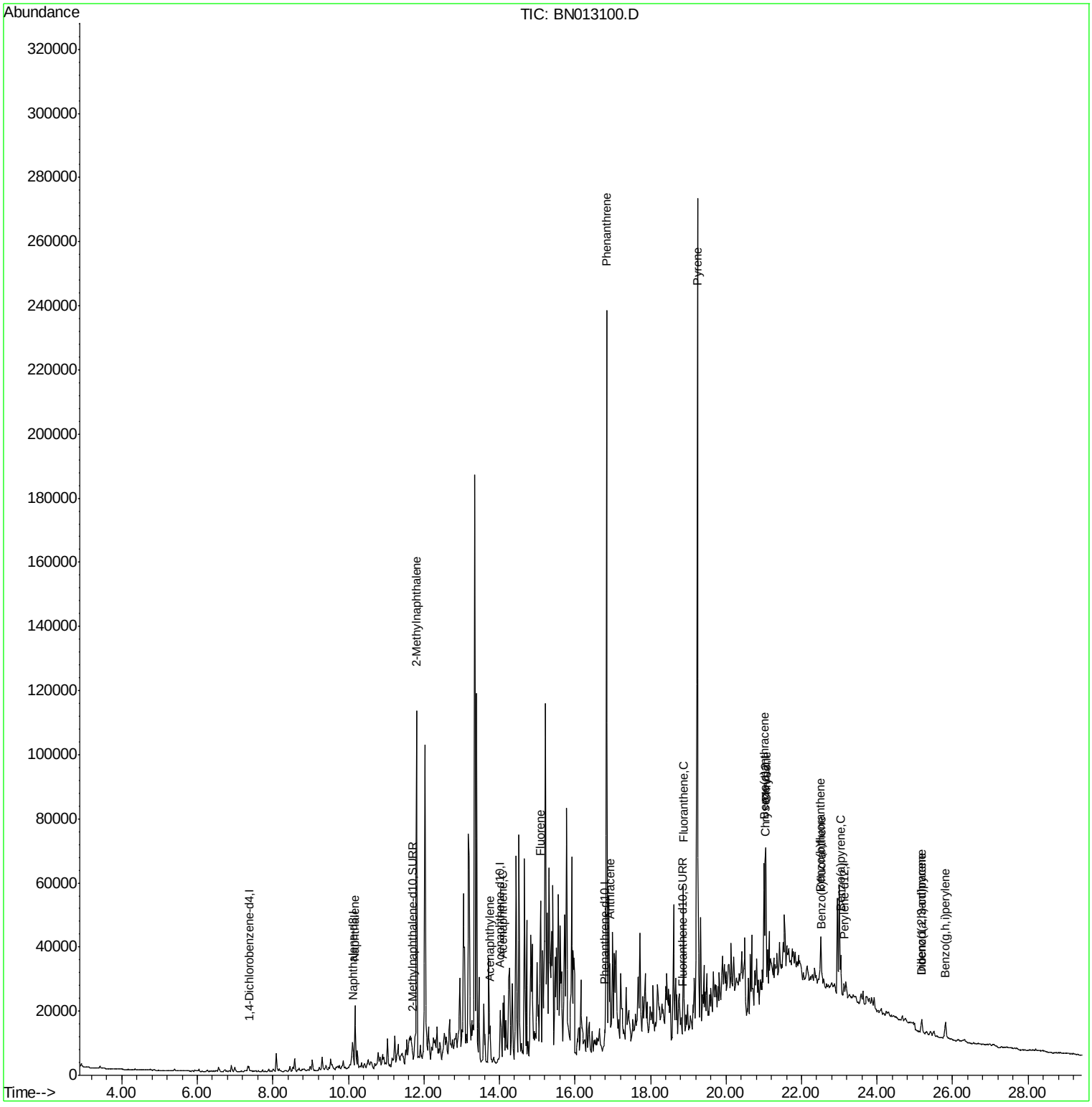
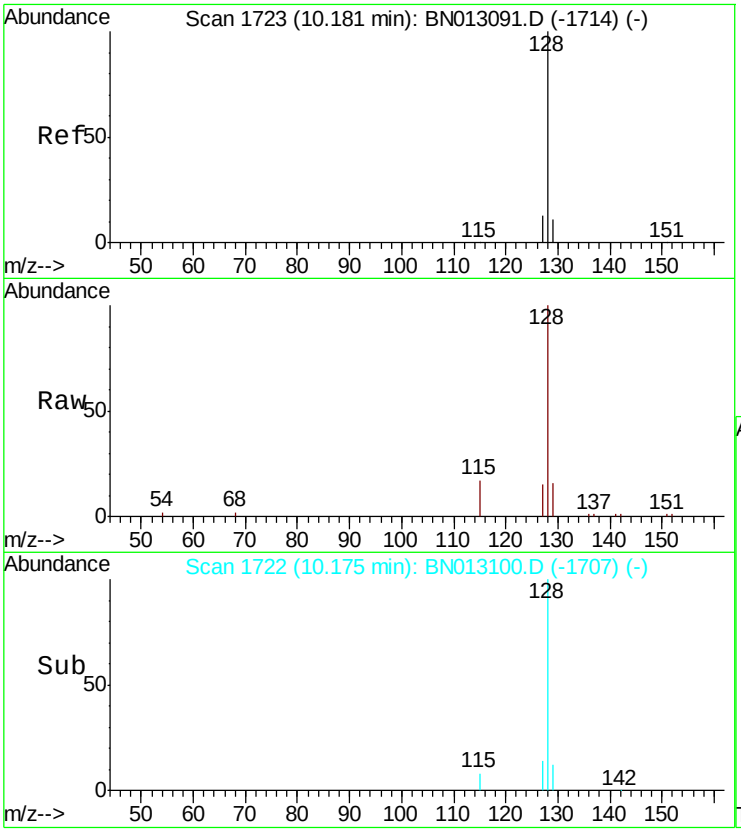
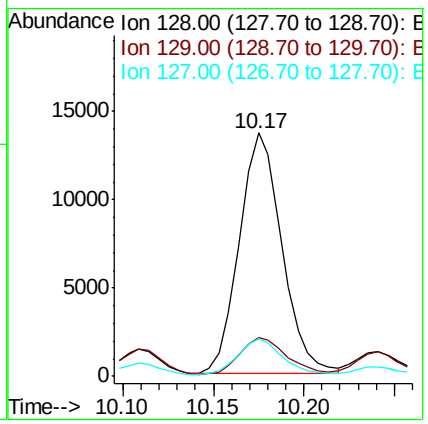




#3
Naphthalene
Concen: 1.901 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:128 Resp: 22346

Ion	Ratio	Lower	Upper
128	100		
129	16.1	12.3	18.5
127	15.4	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
C0AD5DL

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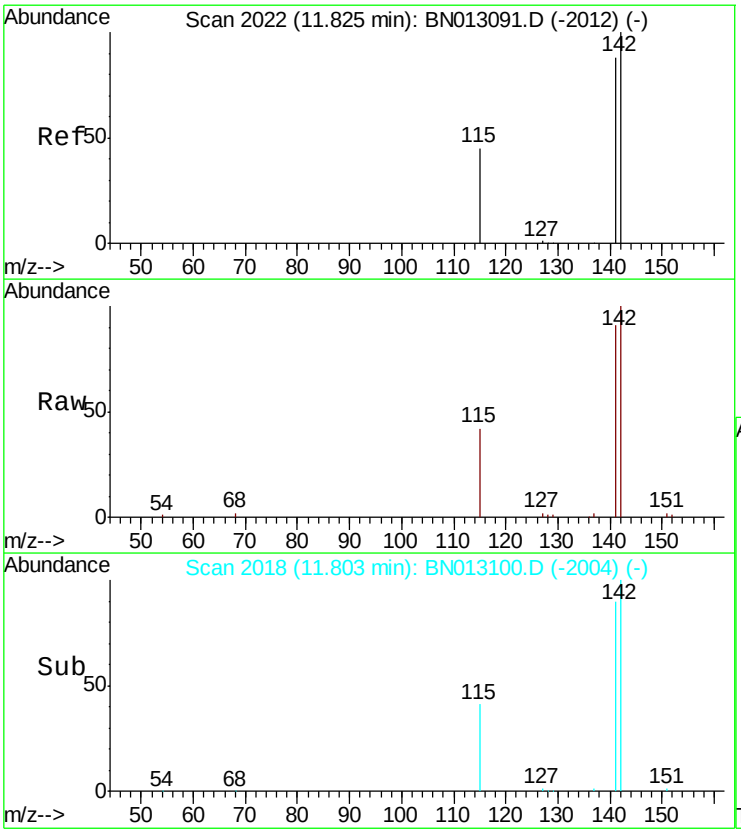
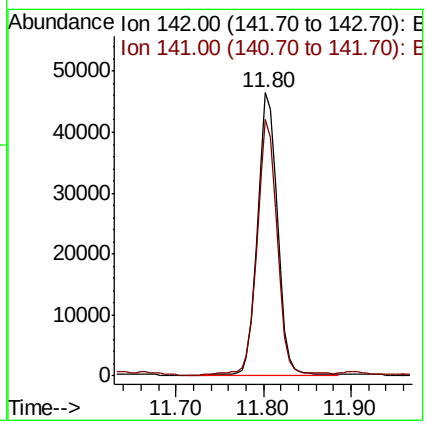
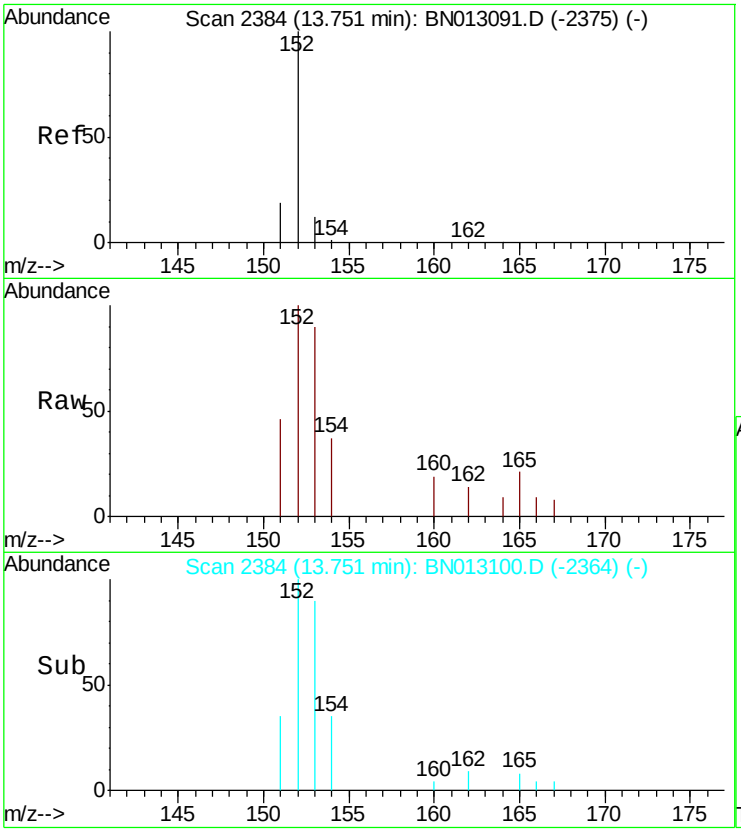


#5
2-Methylnaphthalene
Concen: 9.594 ng/ul
RT: 11.80 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:142 Resp: 74092

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.6





#7
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.75 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:152 Resp: 7015

Ion	Ratio	Lower	Upper
152	100		
151	45.9	18.2	27.4#
153	90.1	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

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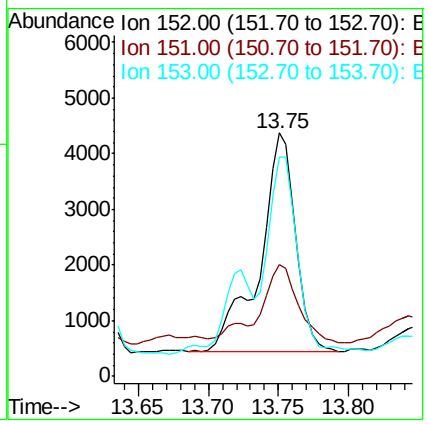
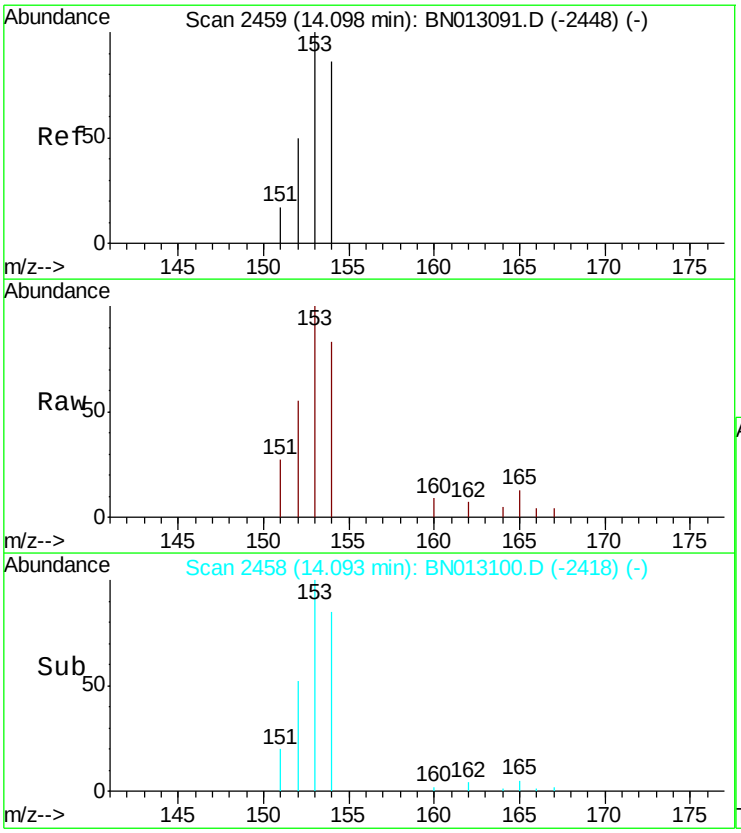
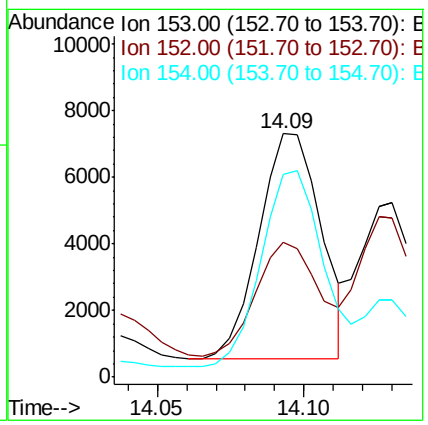


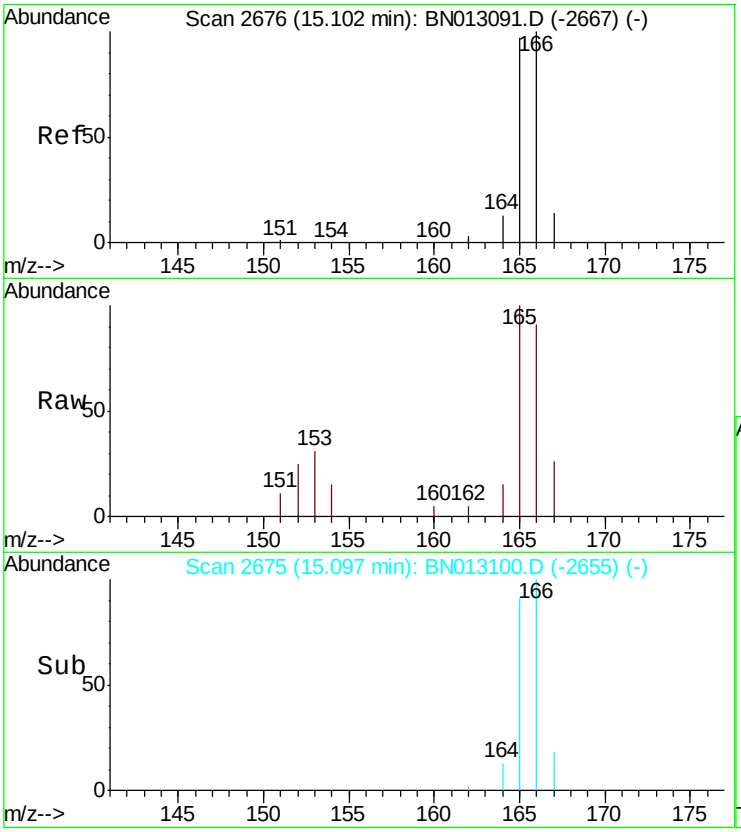


#8
Acenaphthene
Concen: 0.725 ng/ul
RT: 14.09 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:153 Resp: 9986

Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.7	61.1
154	83.1	70.8	106.2

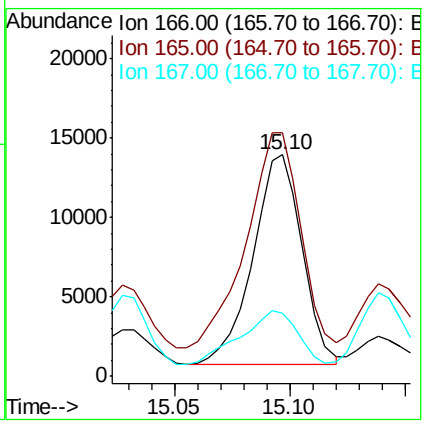




#9
Fluorene
Concen: 1.252 ng/ul
RT: 15.10 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:166 Resp: 19785

Ion	Ratio	Lower	Upper
166	100		
165	109.7	79.8	119.8
167	28.4	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AD5DL

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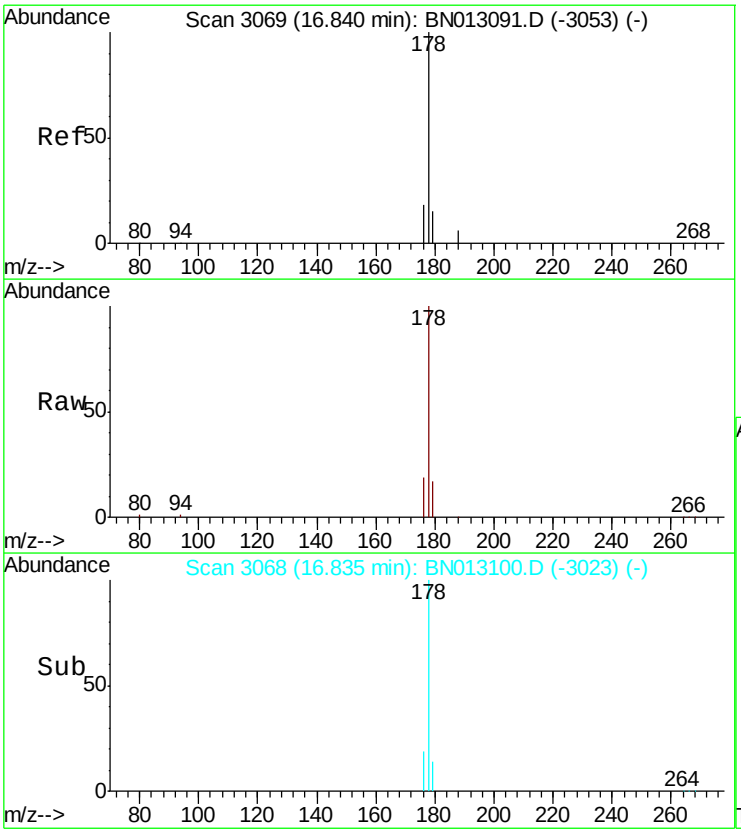
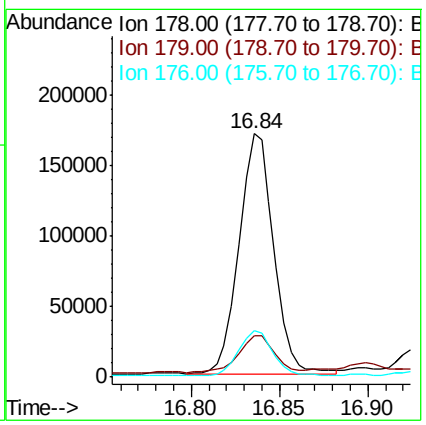
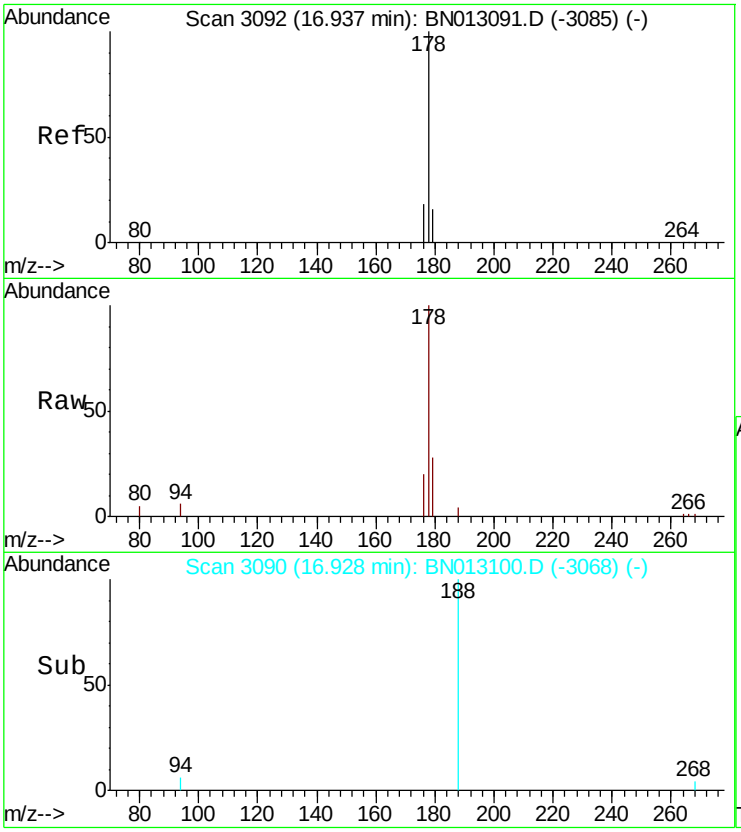


#12
Phenanthrene
Concen: 14.955 ng/ul
RT: 16.84 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:178 Resp: 230910

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.6	20.4
176	19.0	16.4	24.6





#13
Anthracene
Concen: 1.541 ng/ul
RT: 16.93 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:178 Resp: 20245

Ion	Ratio	Lower	Upper
178	100		
179	27.5	14.6	21.8#
176	20.4	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

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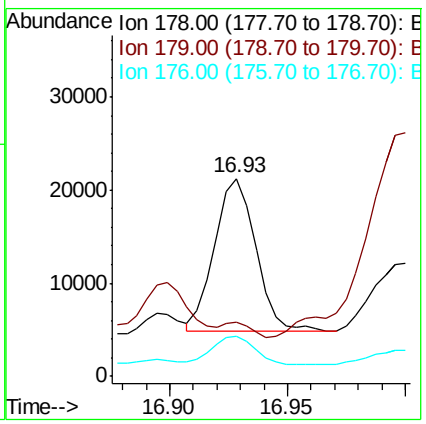
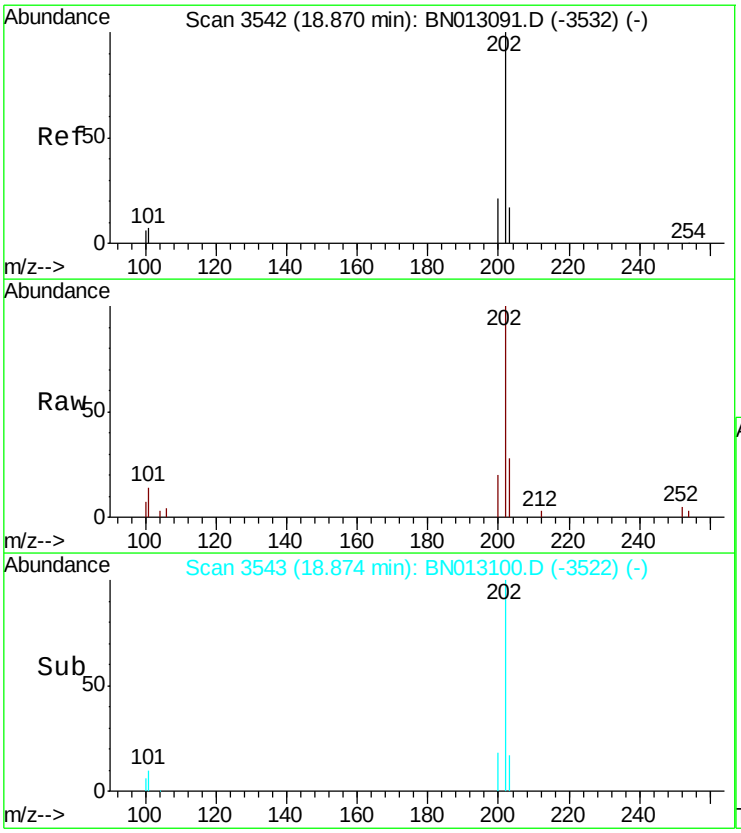
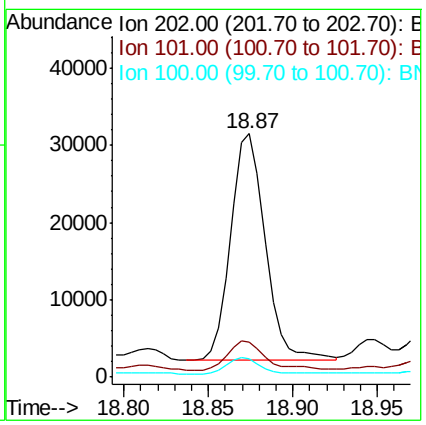


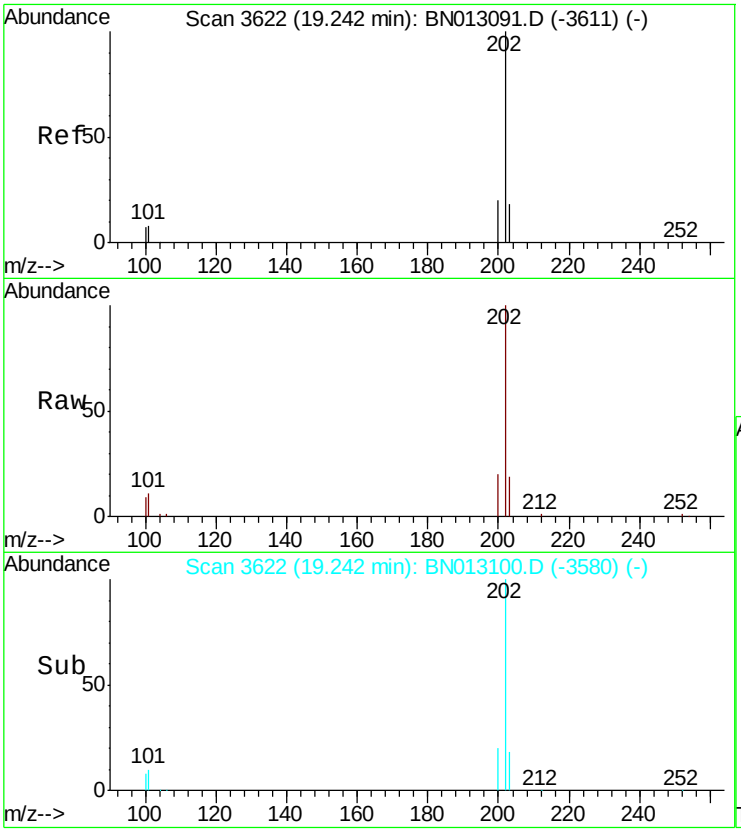


#15
Fluoranthene
Concen: 2.280 ng/ul
RT: 18.87 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:202 Resp: 41839

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	30.6
100	7.4	0.0	28.7





#17
Pyrene
Concen: 10.840 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:202 Resp: 225339

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	8.6	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
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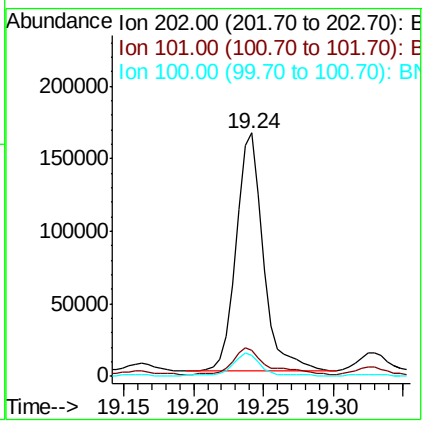
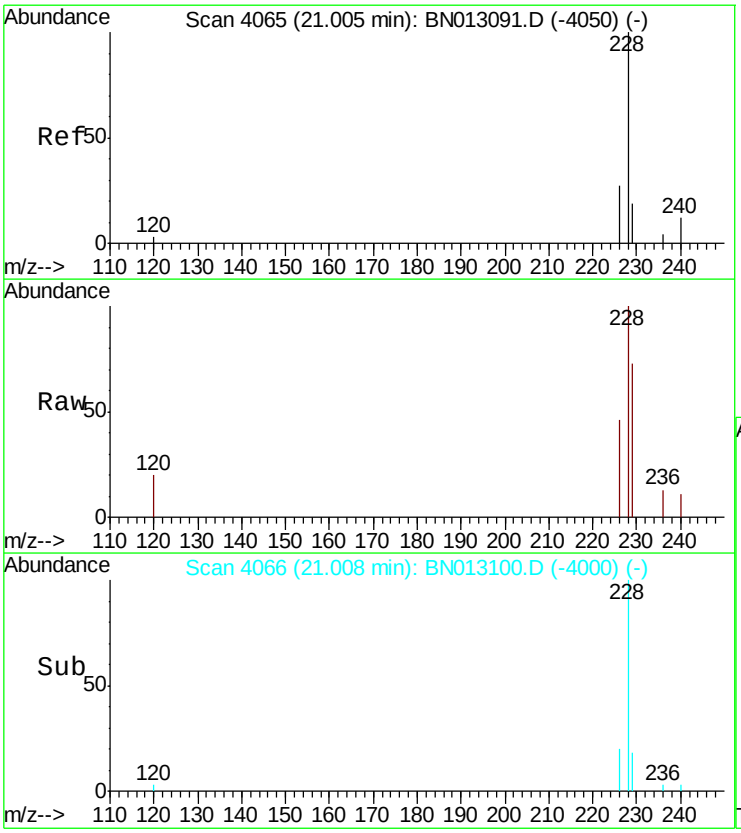
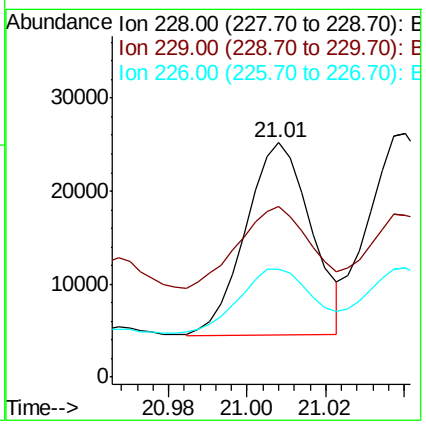


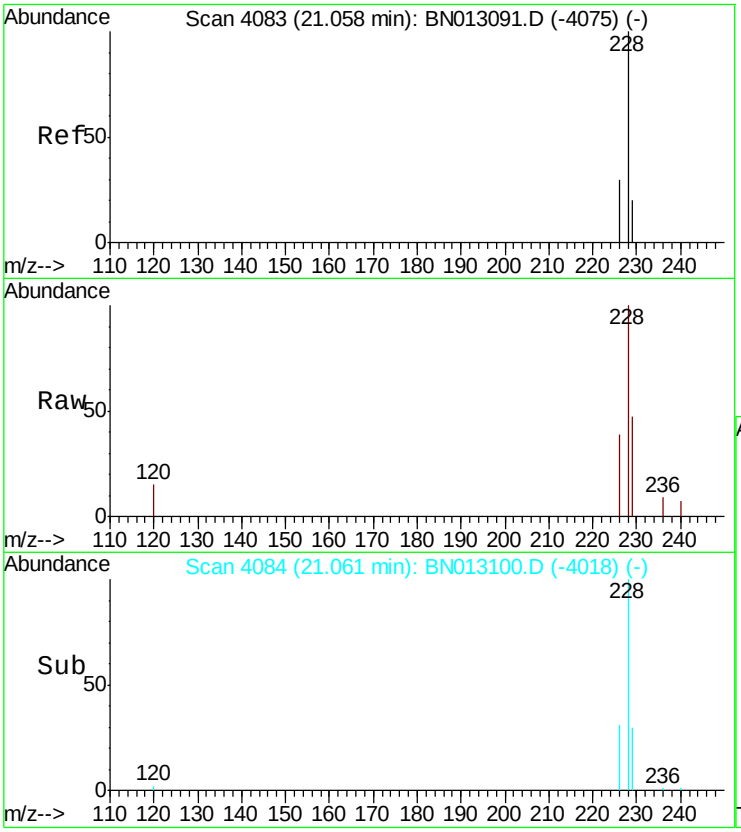


#18
Benzo(a)anthracene
Concen: 1.319 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:228 Resp: 24019

Ion	Ratio	Lower	Upper
228	100		
229	72.6	16.3	24.5#
226	45.8	23.4	35.2#





#19
Chrysene
Concen: 1.572 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:228 Resp: 31624

Ion	Ratio	Lower	Upper
228	100		
226	39.0	25.0	37.6#
229	46.7	16.4	24.6#

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
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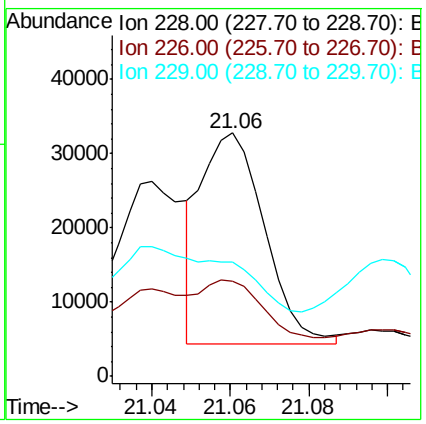
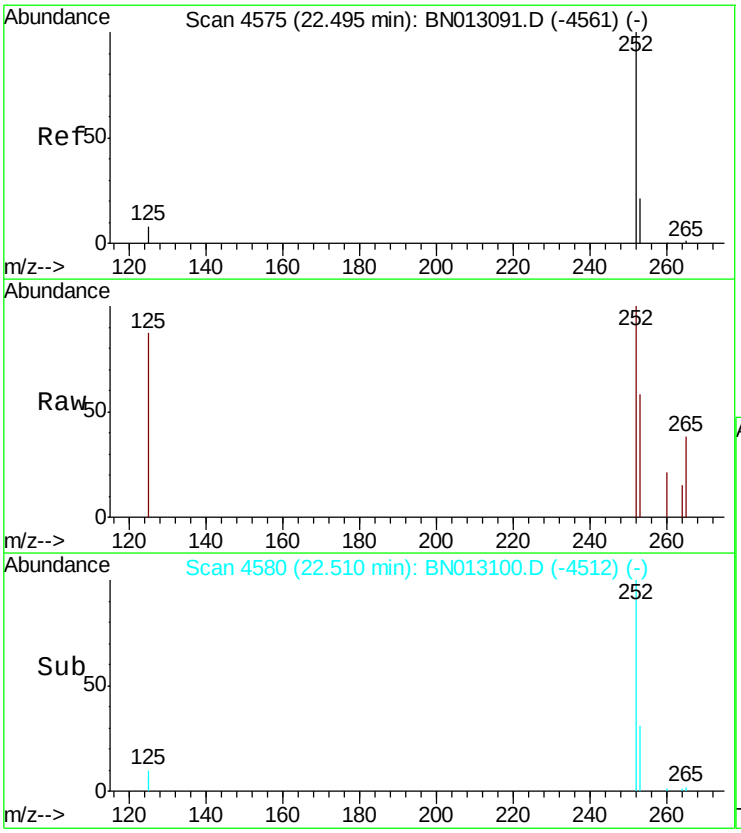
12/15/2020 12:17:20 PM

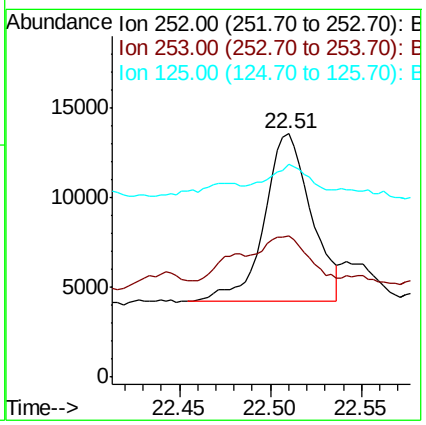


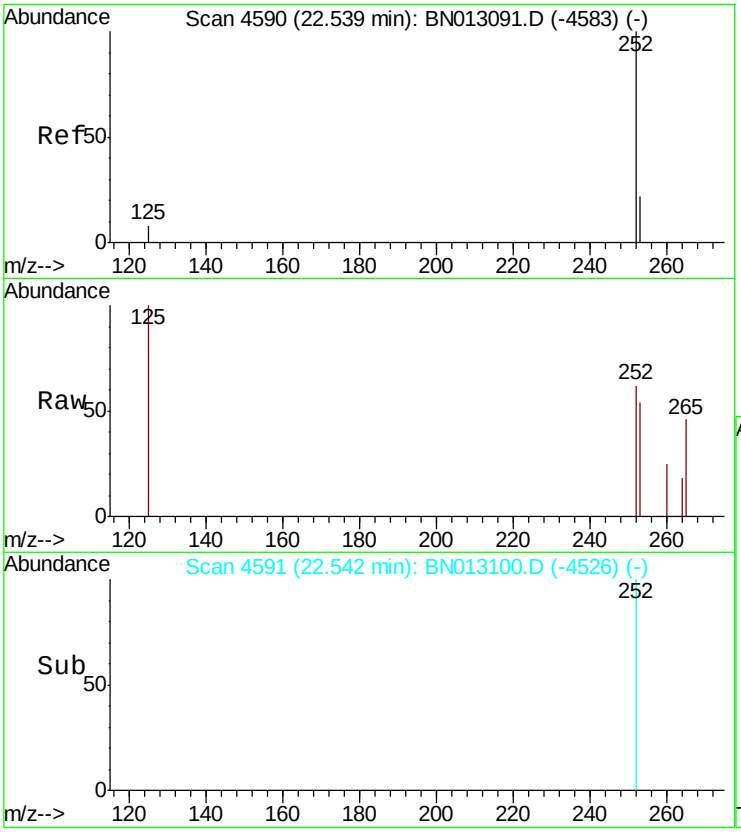


#21
Benzo(b)fluoranthene
Concen: 0.887 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:252 Resp: 16844

Ion	Ratio	Lower	Upper
252	100		
253	58.0	0.0	59.6
125	87.2	0.0	26.0#





#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. -0.01 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:252 Resp: 2470

Ion	Ratio	Lower	Upper
252	100		
253	88.1	23.4	35.2#
125	161.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
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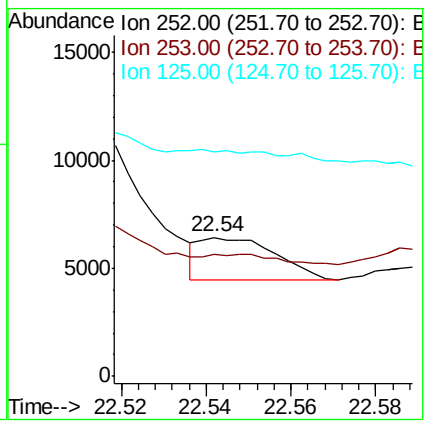
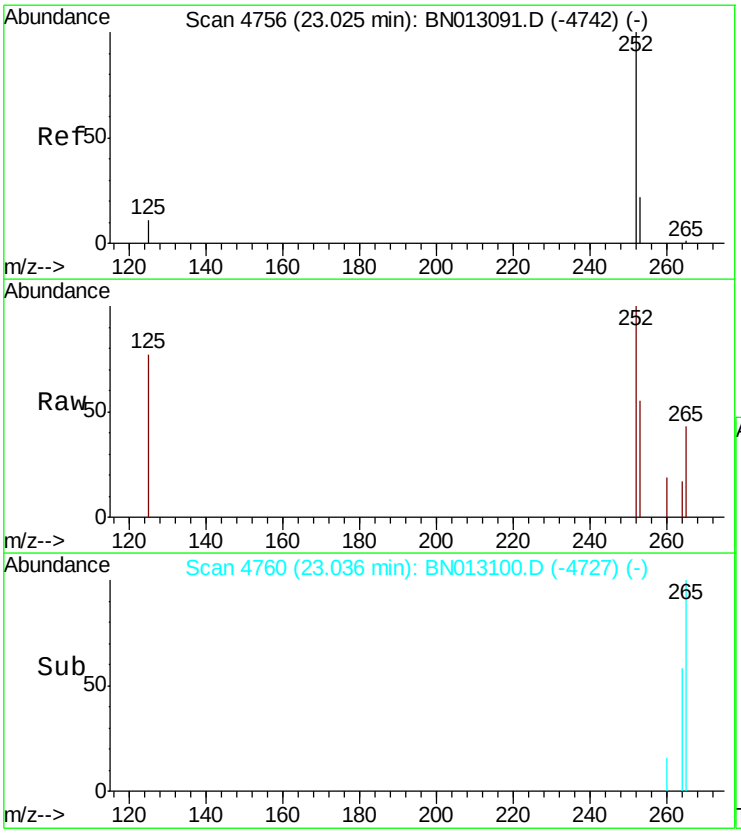
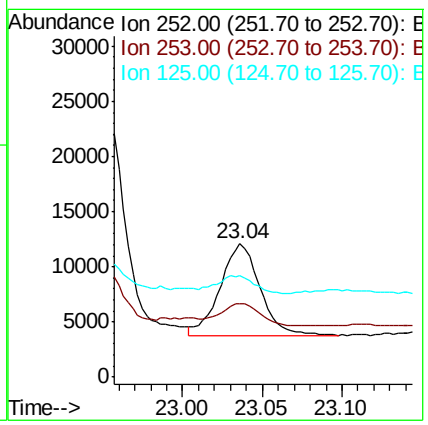


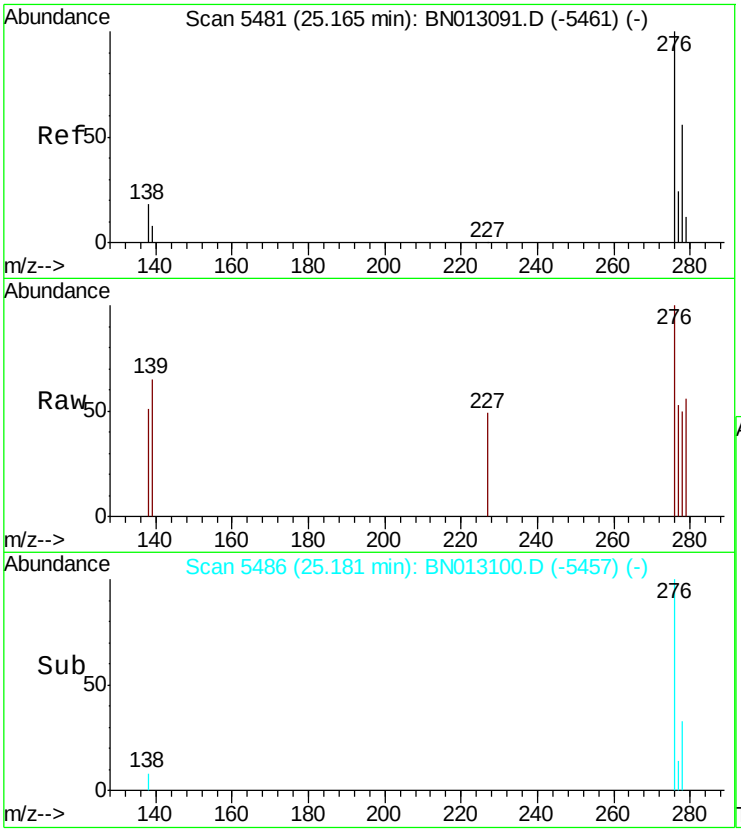


#23
Benzo(a)pyrene
Concen: 0.811 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:252 Resp: 14292

Ion	Ratio	Lower	Upper
252	100		
253	55.0	26.5	39.7#
125	76.6	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.244 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:276 Resp: 5659

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.2	24.2
227	0.7	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
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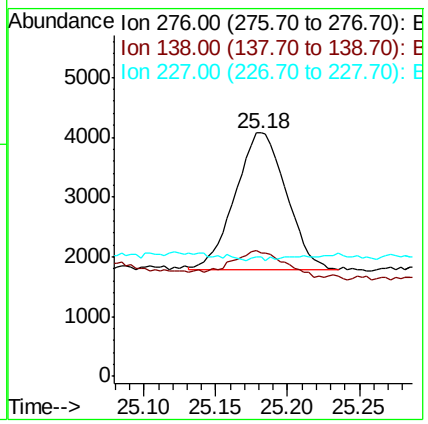
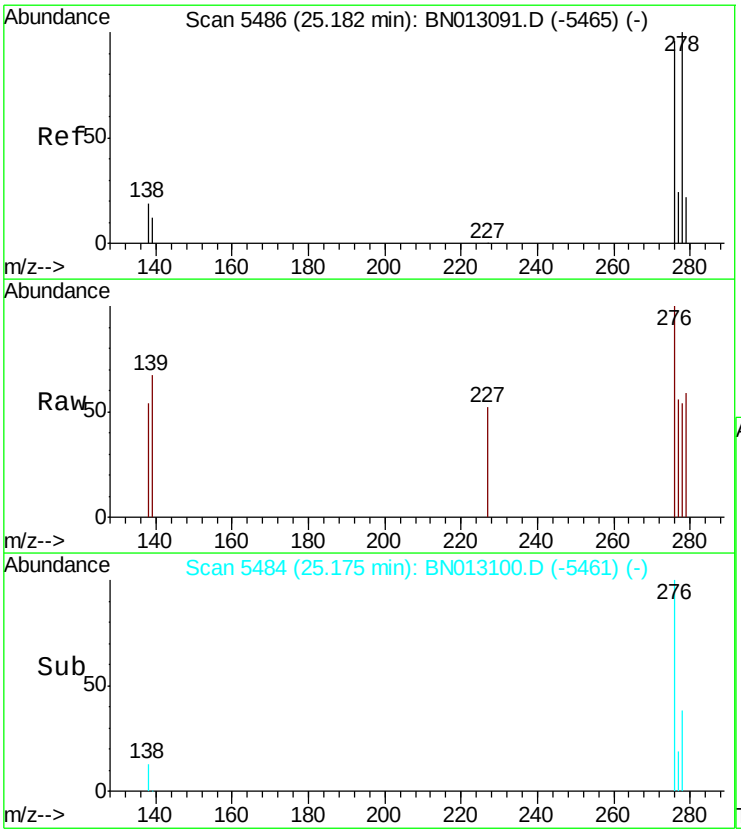
12/15/2020 12:17:20 PM

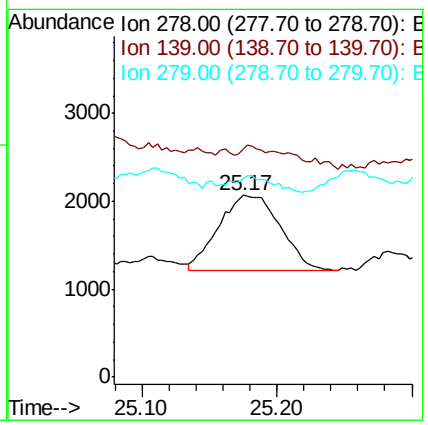


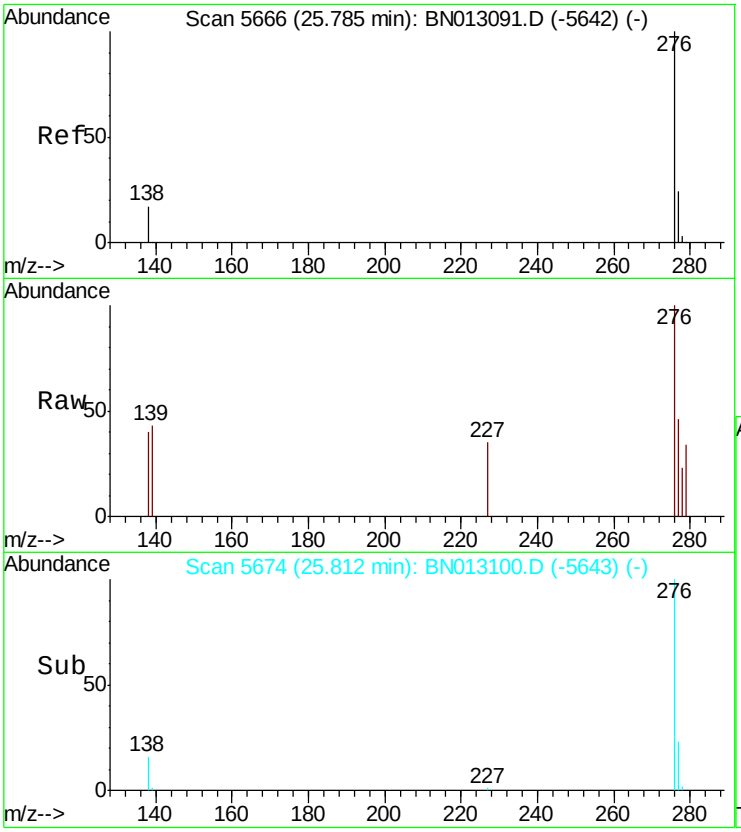


#25
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.17 min Scan# 5484
Delta R.T. -0.02 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:278 Resp: 2674

Ion	Ratio	Lower	Upper
278	100		
139	125.4	14.5	21.7#
279	109.6	26.3	39.5#

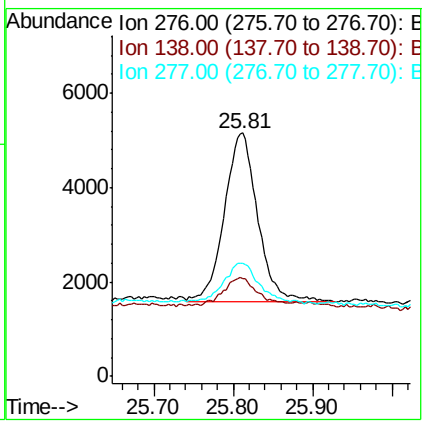




#26
Benzo(g,h,i)perylene
Concen: 0.504 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. 0.00 min
Lab File: BN013100.D
Acq: 12 Dec 2020 20:22

Tgt Ion:276 Resp: 10545

Ion	Ratio	Lower	Upper
276	100		
138	40.1	16.3	24.5#
277	46.3	21.8	32.6#



Instrument :
BNA_N
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:20 PM